INTRODUCTION

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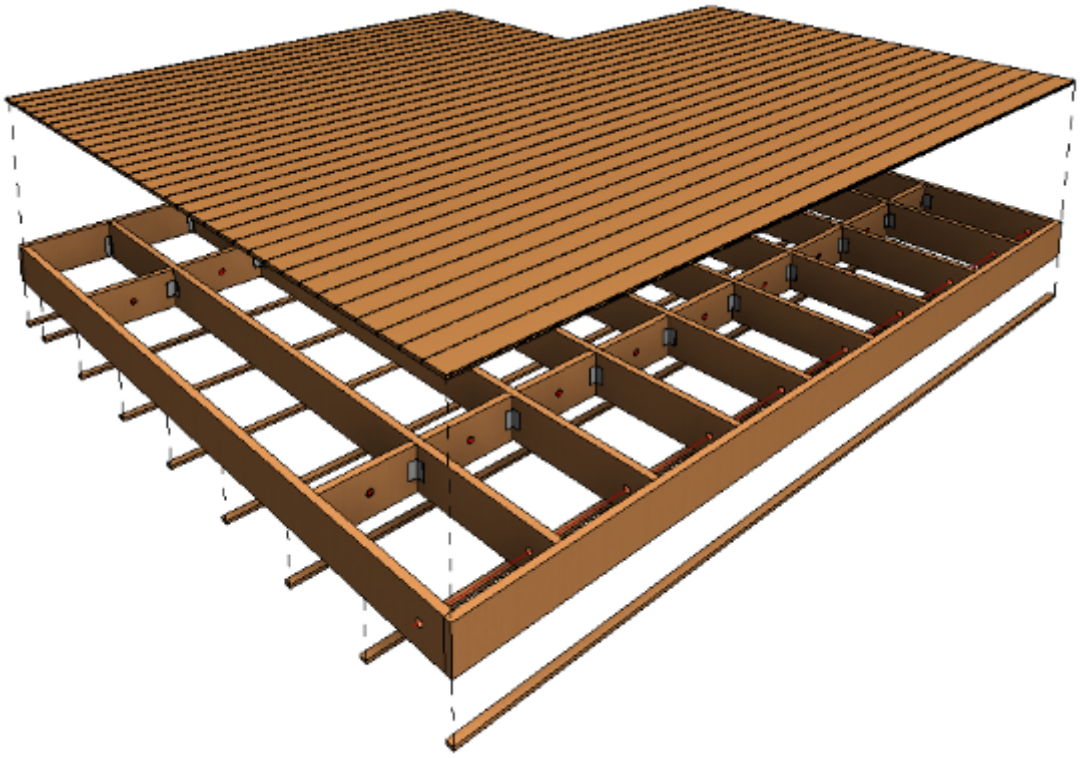
Wood Framing Floor+ application for Autodesk® Revit®

1....allows you to quickly pre-define your floor framing configuration and frame floors in just a few easy steps,
2....is an all-in-one solution with different types of framing,
3....lets you edit framing manually or automatically,
4....lets you design framing with thousands of possible configurations,
5....prepares shop drawings in just a few clicks, and
6....**saves vast amounts of time**.



Wood Framing Floor+ makes wood framing of floors fast and easy with real-time full project updates in Revit®. Plus it generates views with automatic dimensions for floor panels or segments as well as accurate bills of materials and shop drawings. So quality production and accurate assembly on site are ensured.

Recommended workflow

1. Build a model using Revit **Floor+** functionality
2. Create floor types with layers → assign materials
4. **Floor+** → **Settings** → **Load Families**
5. **Floor+** → **Configs** → define **Framing Configuration**
6. **Floor+** → map floor types with framing configuration using **Link Floor**
7. **Floor+** → frame floor panels
8. **Floor+** → **Number Elements** → number floors using **Number Floors**
9. **Floor+** → number framing elements using **Number Elements**
10. **Floor+** → **Configs** → define **Drawing Configuration**
11. **Floor+** → make shop drawings for one floor using **Create Assembly**
12. Add shop drawing views into the sheet for one floor and save it as a template for future floor segments
13. **Floor+** → make shop drawings for other floor segments

Best practices for making floors in Revit

Floor structure should be layered out in the way the parts of the framing will be modeled, e.g.:

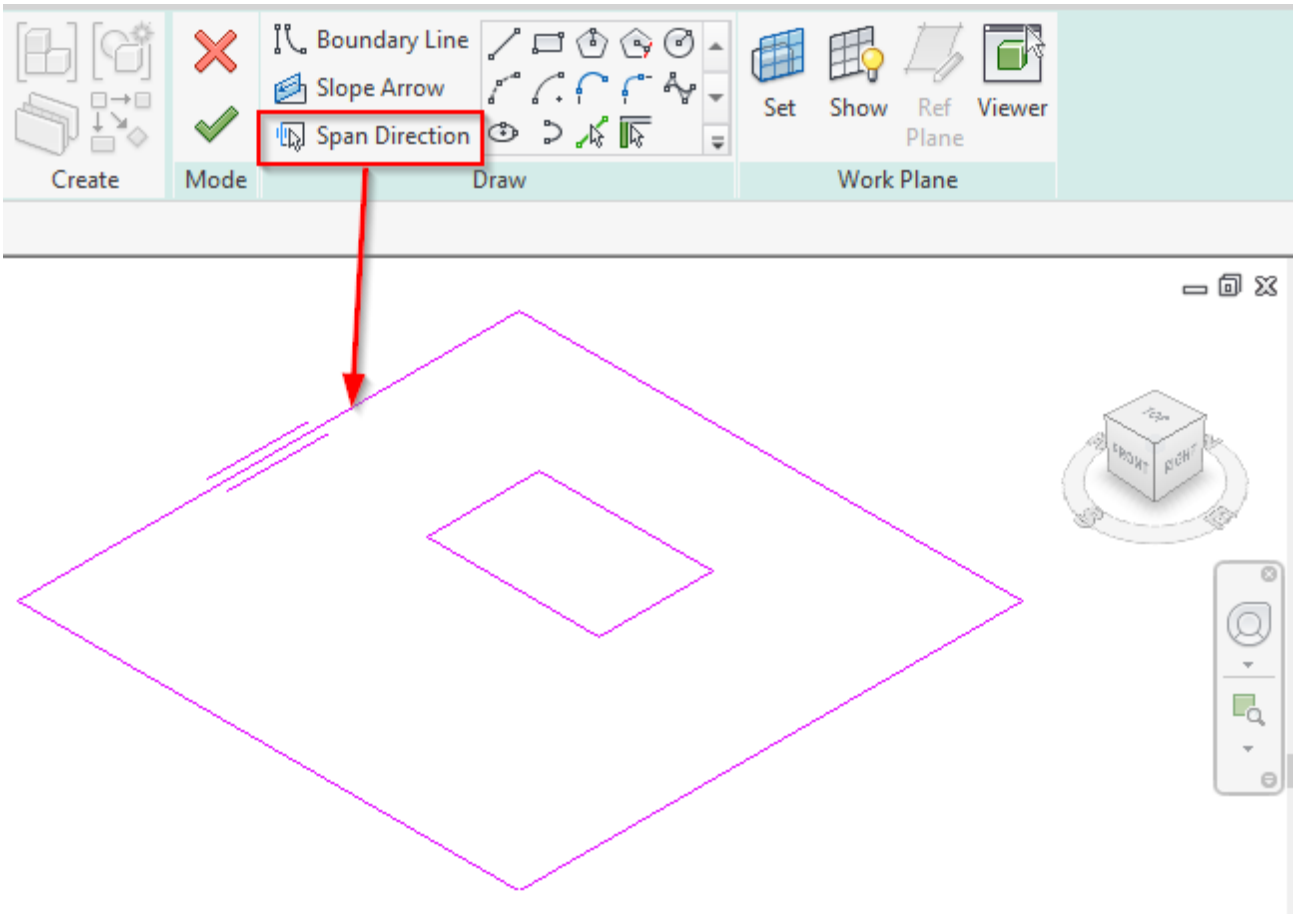
1. Flooring
2. Sheathing
3. Main frame
4. Battens
5. Sheathing

Layers

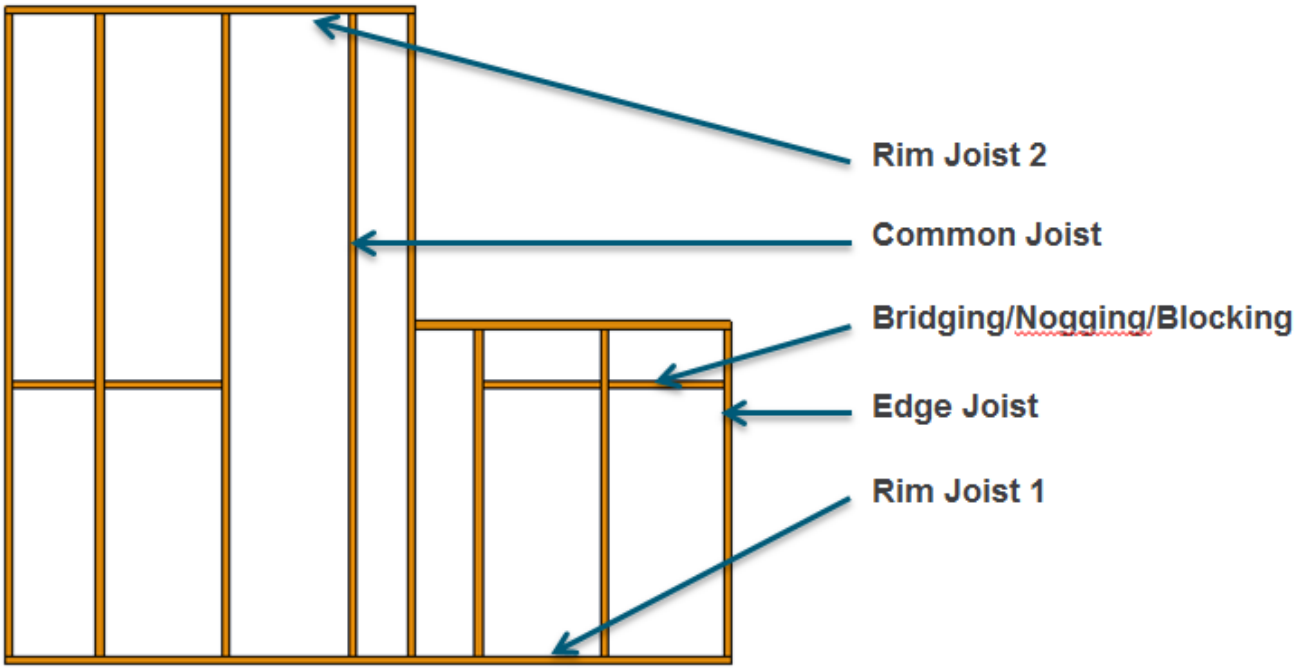
	Function	Material	Thickness	Wraps	Structural Material
1	Finish 2 [5]	Softwood, Lumber	0.75	☐	☐
2	Finish 1 [4]	Plywood, Sheathing	0.75	☐	☐
3	**Core Boundary**	**Layers Above Wrap**	**0.00**		
4	Structure [1]	Wood - C24	11.25	☐	☑
5	**Core Boundary**	**Layers Below Wrap**	**0.00**		
6	Substrate [2]	Wood	3.50	☐	☐
7	Finish 1 [4]	Plywood, Sheathing	0.75	☐	☐

Materials for every layer are mandatory.

Frame direction deepens in **Span Direction** in the Floor Boundary:



Main framing elements



Main framing elements according to slope position: